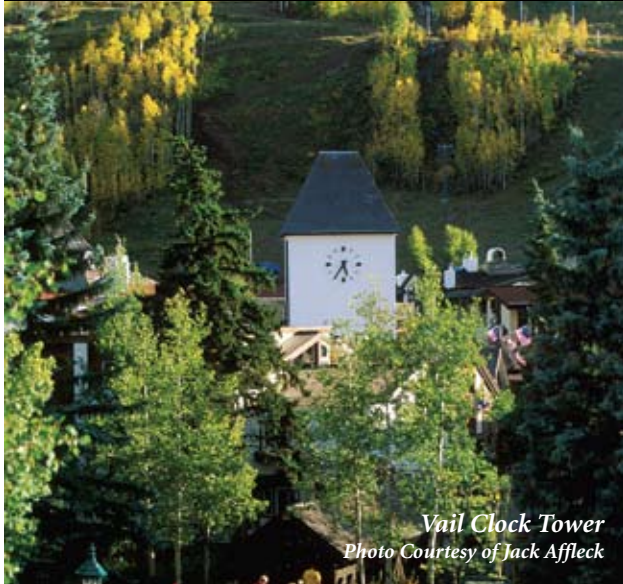


TAILINGS AND MINE WASTE '10

October 17-20, 2010

Being held in Vail, Colorado



Vail Clock Tower

Photo Courtesy of Jack Affleck

OBJECTIVES

The Conference objective is to provide a forum for presenting the state-of-the-art with respect to mill tailings and mine waste, and to discuss current and future issues facing the mining and environmental communities.

BACKGROUND

Tailings and Mine Waste '10 is the next of a series of symposia on mill tailings management started at Colorado State University in 1978. The primary purpose of the Conference is to provide a forum for members of the mining community, engineers and scientists serving the mining industry, regulatory groups, and other interest groups concerned with environmental issues related to tailings and mine waste management. Issues of environmental science and engineering, geochemistry, geotechnics, hydrogeology, milling, mining, mining engineering, tailings management, and other topics related to tailings and mine waste will be covered in focused sessions.

WHO SHOULD ATTEND

Mine and mill managers, engineers involved with tailings management and reclamation, geotechnologists, geoenvironmentalists, regulatory personnel, consulting engineers, researchers, and other interested groups have found the Tailings and Mine Waste Conference to be an exciting place to present ideas, learn of new developments, make contacts in their professional fields, and discuss problems of mutual interest.

SCOPE OF CONFERENCE

The program will include sessions by practitioners and recognized experts on the general themes of the Conference. The Conference also will include exhibits of equipment and instrumentation and short courses. The following general topics on new developments, case histories, and current methods of analysis, design, and construction or remediation are the focus for presentations.

Mill Tailings

- . Material physical properties
- . Geochemical characteristics
- . Paste and filtered applications
- . Co-disposal and co-mingling
- . Mine backfill applications
- . Long-term consolidation
- . Cover placement and settlement
- . Liquefaction, seismic stability, and deformation
- . Tailings transport and discharge

Waste Rock, Ore, and Other Mined Materials

- . Heap leach operations
- . Waste rock facilities
- . Soil cleanup and site remediation
- . Acid generation and metals mobility
- . Groundwater remediation
- . Abandoned mine reclamation

Containment Systems

- . Geosynthetic liners
- . Clay and composite liner systems
- . Leak detection and leachate collection systems
- . Groundwater protection
- . Water management and water balance

Permitting Issues

- . State and local regulations
- . EPA regulation changes
- . BLM and USFS guidelines and requirements
- . International standards and guidelines
- . Local community negotiation and approvals
- . Sustainable development issues
- . Public interaction and project scheduling

Current Issues

- . Site selection and characterization
- . Revegetation establishment and monitoring
- . Ecological and human health risk assessment
- . Physical and chemical monitoring of performance
- . Wetland protection and establishment

Specific Issues

- . Oil sands processing and tailings facilities
- . Uranium mining and milling and in-situ recovery
- . Coal mining issues and mine waste management
- . Energy facilities ash disposal

VENUE

The Conference will be held at the Vail Cascade Resort Hotel, which sits at the base of Vail Mountain. Vail is located 90 miles west of Denver. The major airport to use is Denver International Airport. Transportation to Vail can be by commuter air, rental car, or shuttle service.

CONFERENCE FORMAT

Abstracts are solicited on the general themes of the Conference and related topics and The Proceedings of the Conference will be published and available at the time of the event. Authors of all papers included in the Proceedings will be allowed to make oral presentations at the Conference.

The Conference will begin with short courses and a pre-registration reception on Sunday evening, October 17, 2010. Presentations will be given Monday-Wednesday, October 18-20. The Conference will adjourn on Wednesday, October 20, 2010.

Guest Speakers that will present at plenary sessions include: **John Sobkowicz**, Thurber Engineering; **Norbert R. Morgenstern**, Professor Emeritus, University of Alberta; **Patty McGrath**, Environmental Protection Agency.

PREPARATION OF ABSTRACTS

Prospective authors are requested to submit a short abstract (one page or less, double spaced) and include the title, author(s), and corresponding authors' affiliations, addresses, and contact information. The deadline for submission is Monday, April 5, 2010. The abstracts will be used for planning purposes and undergo an acceptance review.

Final papers will be limited to a maximum of 12 single-spaced pages. Detailed guidelines and instructions for preparation of papers will be sent immediately upon acceptance of the abstract. The deadline for submission of final papers to be included in the Proceedings will be Monday, June 7, 2010. All papers will be acceptance-reviewed by the organizing committee.

PROPOSALS FOR SHORT COURSES

Short courses are planned to be offered on Sunday, Oct. 17, 2010 based on interest. Short course proposals are requested on topics relevant to the conference theme. Short course proposals should include the following: (1) title of the course, (2) names, affiliations, and contact information for all course instructors, (3) a brief goal and objectives of the course (1 page), (4) the expected audience and required background for potential participants in the course, (5) an outline including proposed time schedule and topics to be covered during the course, and (6) any other items required by participants of the course, including those to be supplied by the participants and/or those to be supplied by the course instructors. With respect to (6), if participants will be required to purchase items for the course (e.g., software, textbooks, etc.), then these items should be listed and priced. The number of short courses to be offered will be restricted, and evaluations of short courses will be based on the nature and quality of the proposal as well as the timeliness and relevance of the short course topic. In order to receive full consideration, short course proposals must be received by Monday, April 5, 2010.

ORGANIZING COMMITTEE

Daniel Overton, Chair
Engineering Analytics Inc., Fort Collins, Colorado
Antonio Carraro
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Linda Hinshaw
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Bill Thompson
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Robert Cooke
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Pipeline Systems, Inc., Concord, California
Andrew Robertson
Robertson GeoConsultants, Inc., Vancouver, B.C.
Larry Cope
SRK Consulting, Inc., Fort Collins, Colorado
Mike Henderson
Tetra Tech, Inc., Golden, Colorado
Rick Palicki
URS Corporation, Denver, Colorado

EXHIBITOR SPACE

The Organizing Committee invites your participation in presenting an exhibit. If you would like to display an exhibit please contact Linda L. Hinshaw at the address below.

CE UNITS

Colorado State University, Division of Continuing Education will grant Continuing Education Units (CEUs) after successful completion of the conference. A recording fee of \$50.00 is required for those desiring to receive CEUs.

SPONSORSHIPS

Sponsorships are still available for the 2010 conference. There is one level of sponsorship and it consists of both financial support for the conference and participation in the planning and administration of the conference. Sponsors receive a company representative on the organizing committee, one exhibitor booth space (includes one full participant registration), one additional full participant registration for organizing committee member, and inclusion of company name on Conference announcements, conference program, published proceedings, and any conference-sponsored promotional items. Contact Linda Hinshaw if interested.

For More Information

Contact Linda Hinshaw, Department of Civil and Environmental Engineering, Colorado State University, 1372 Campus Delivery, Fort Collins, CO 80523-1372 USA.
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*The Department of Civil and Environmental Engineering at
Colorado State University in conjunction with the University
of Alberta and the University of British Columbia Announce*

TAILINGS AND MINE WASTE

2010

**October 17-20, 2010
Vail Cascade Resort Hotel
Vail, Colorado**

Sponsored By

Engineering Analytics, Inc.
Golder Associates, Inc.

Knight Piesold and Co.
MWH

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Pipeline Systems, Inc.

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SRK Consulting, Inc.

Tetra Tech, Inc.

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